

CLAIMS

1. An image correction method that provides an image signal with image correction by switching correcting methods according to the image signal, the image correction method comprising:

5 detecting an image area having movement according to the image signal;

 comparing gradation of image signals corresponding to adjoining pixels; and

 providing a boundary area of the image area having movement with
10 a diffusion process in an area having gradational change smaller than a predetermined threshold,

 wherein, the image correction is performed differently between the image area having movement of which the boundary area is diffused and other areas.

15 2. An image correction device having a movement detecting means for detecting an image area having movement according to an image signal; and an image correcting means capable of providing the image signal with image correction and switching correction methods according to a control signal, the device further including:

20 a movement boundary detecting means for detecting a boundary area of the image area having movement;

 a gradational change detecting means for detecting an image area with great gradational change by comparing gradation of image signals corresponding to adjoining pixels; and

25 a movement signal modulating means for providing the boundary area of the image area having movement with a diffusion process in an area excluding the image area with great gradational change,

wherein, the image correcting means switches correction methods according to an output from the movement signal modulating means.

3. The image correction device of Claim 2, wherein the movement signal
5 modulating means is formed of a delay circuit that delays an output of the movement detecting means at least in a horizontal direction or in a vertical direction.

4. The image correction device of Claim 3, wherein the movement signal
10 modulating means provides the boundary area of the image area having movement with a diffusion process by randomly switching an amount of delay fed from the delay circuit that delays the output of the movement detecting means in a horizontal direction or in a vertical direction.

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